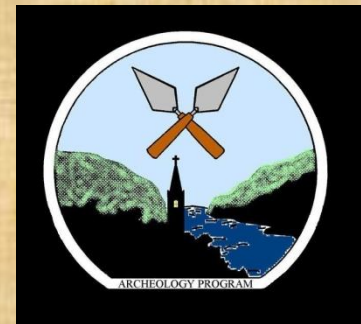
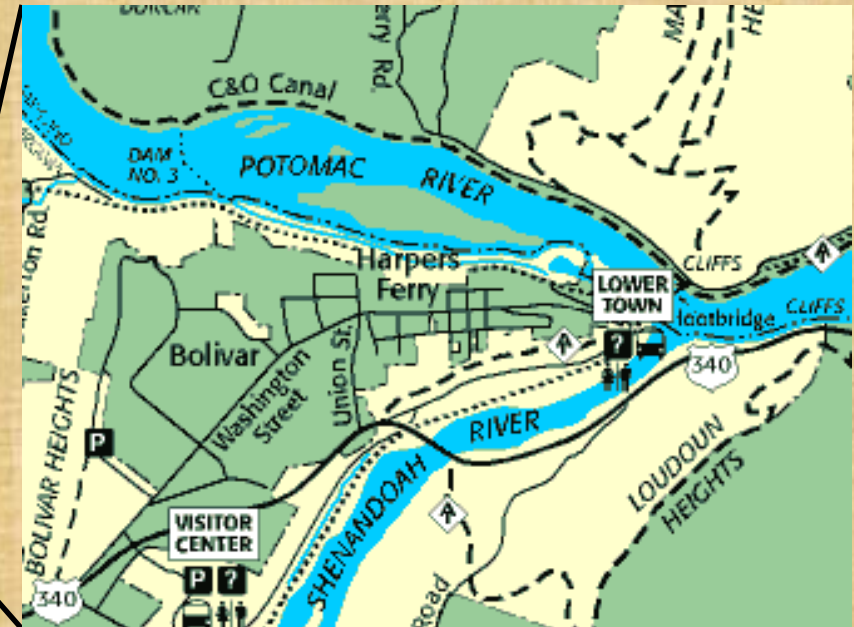


Gunsmithing at the U.S. Musket Factory: Archeological Perspectives

Harpers Ferry National Historical Park
Archeology Program



Harpers Ferry National Historical Park



U.S. Musket Factory Site



U.S. Musket Factory Site



Photo by Robert E. Brzostowski

1803 Factory Landscape



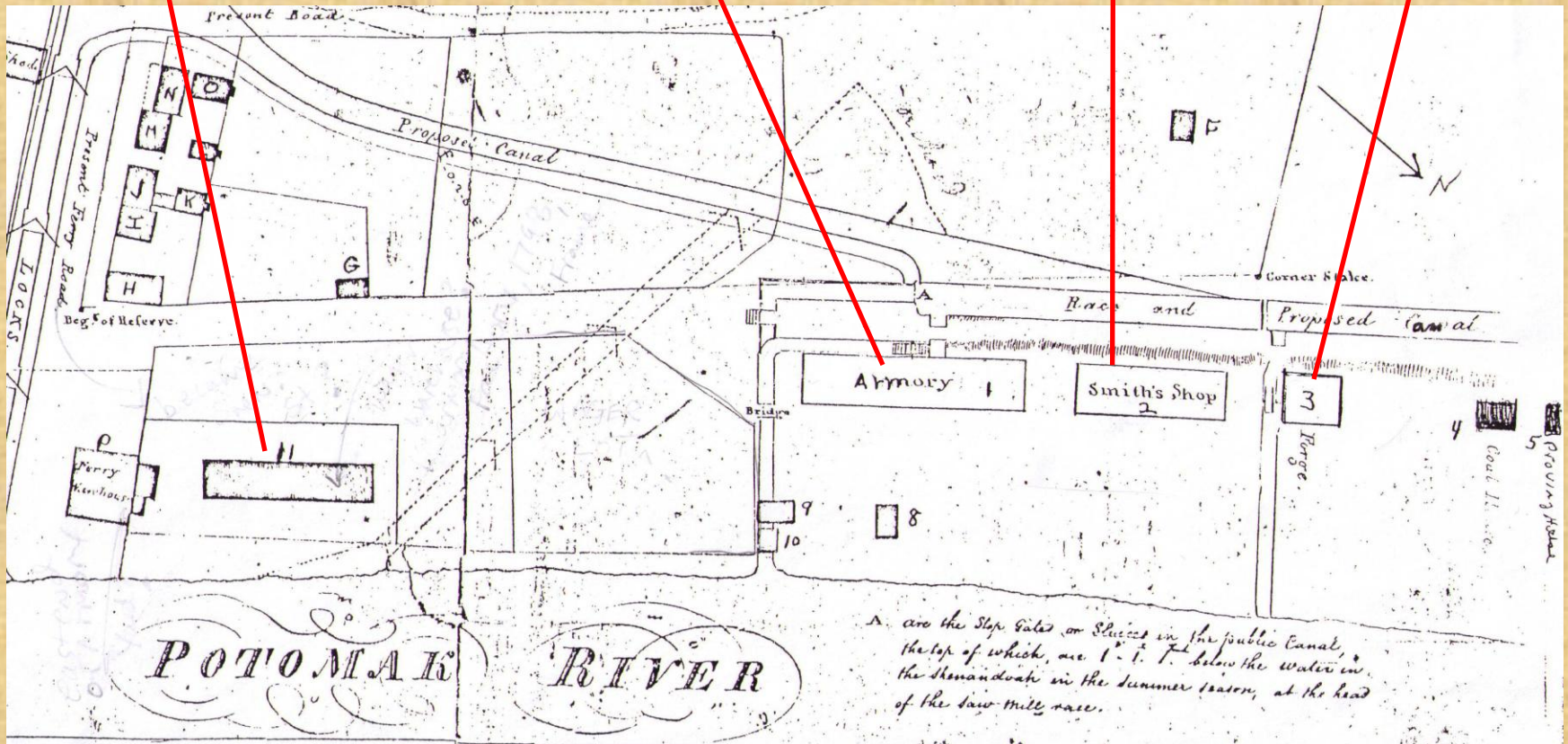
1803 Workshops

Wager Warehouse

Armory

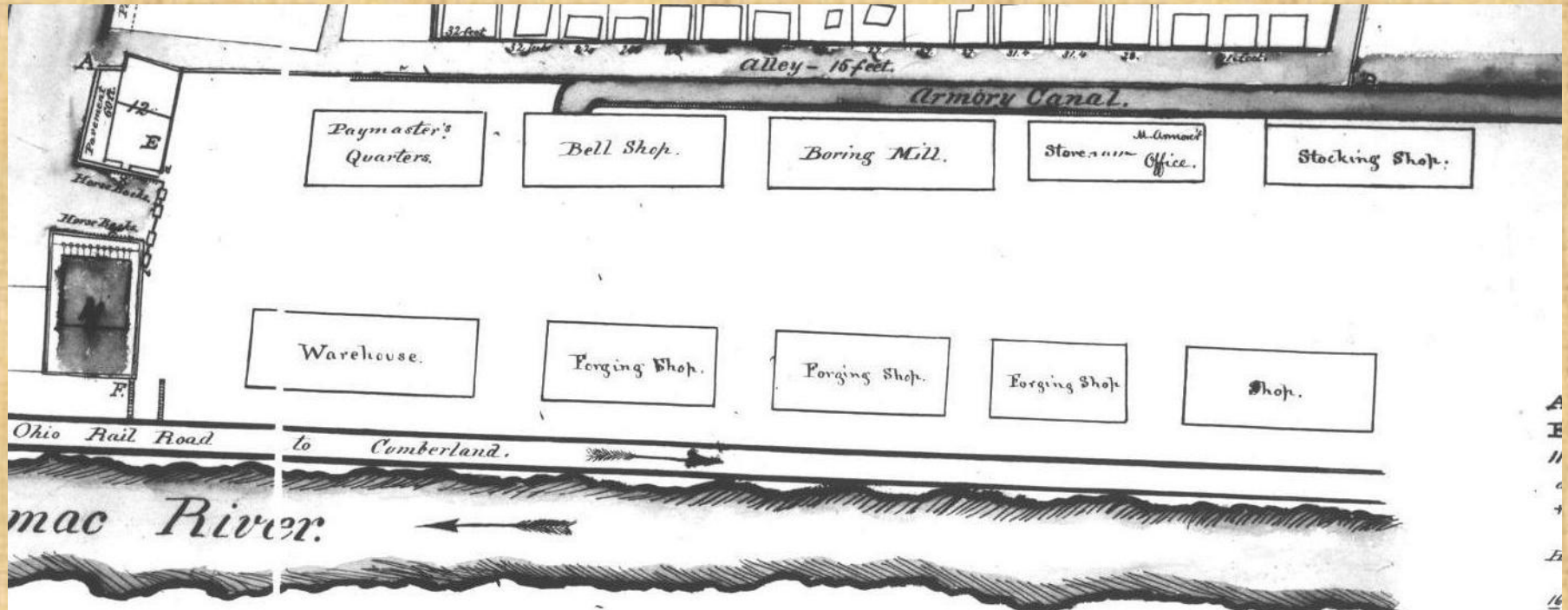
Smith's Shop

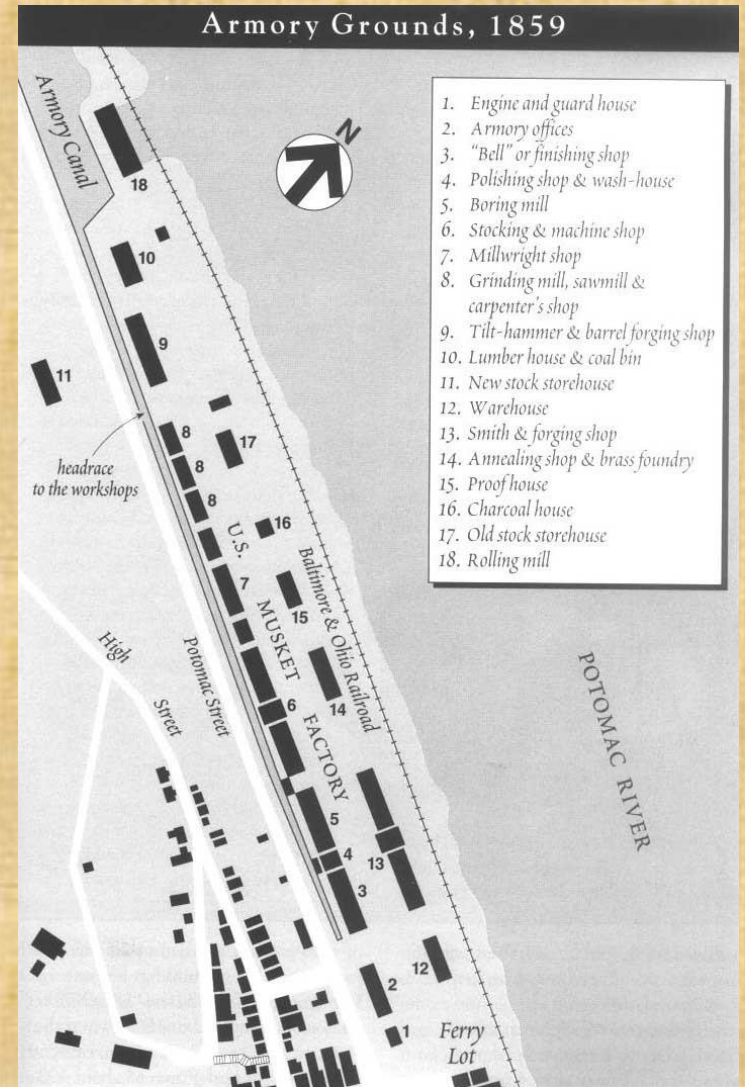
Forge





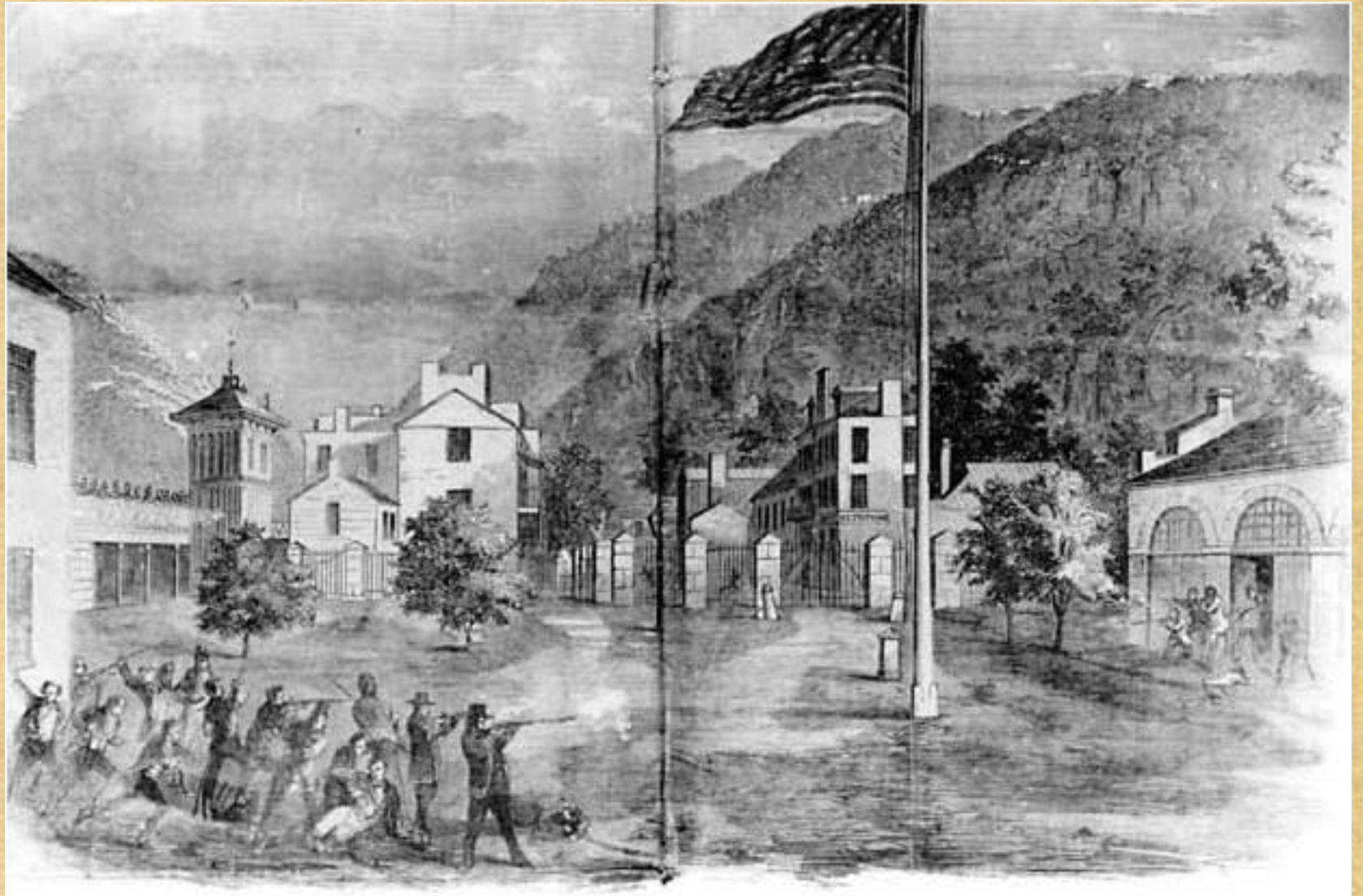
1847





Map by David T.
Gilbert

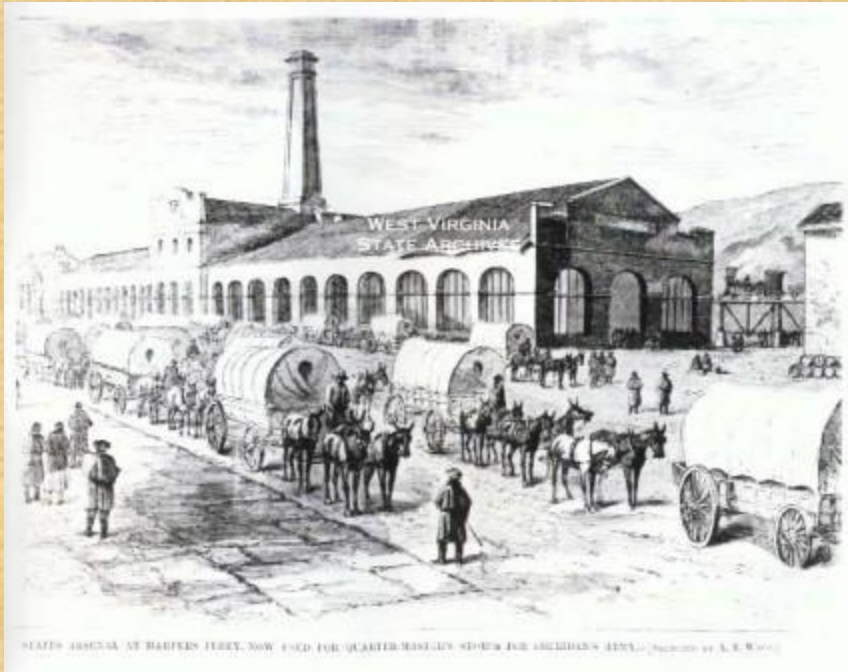
John Brown's Raid



Civil War



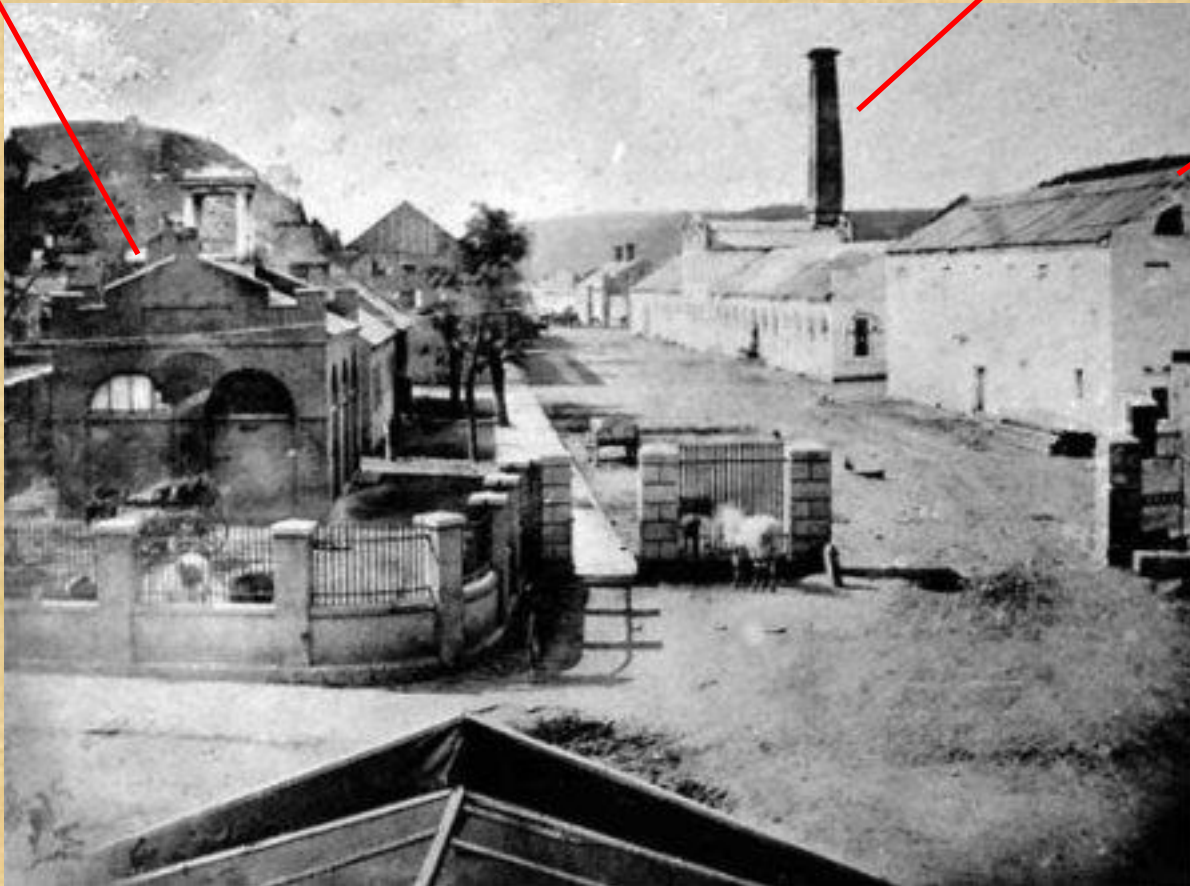
Quartermaster Storage Depot



**John Brown's Fort in
Original Location**

Smith and Forging Shop

**1841
Warehouse**

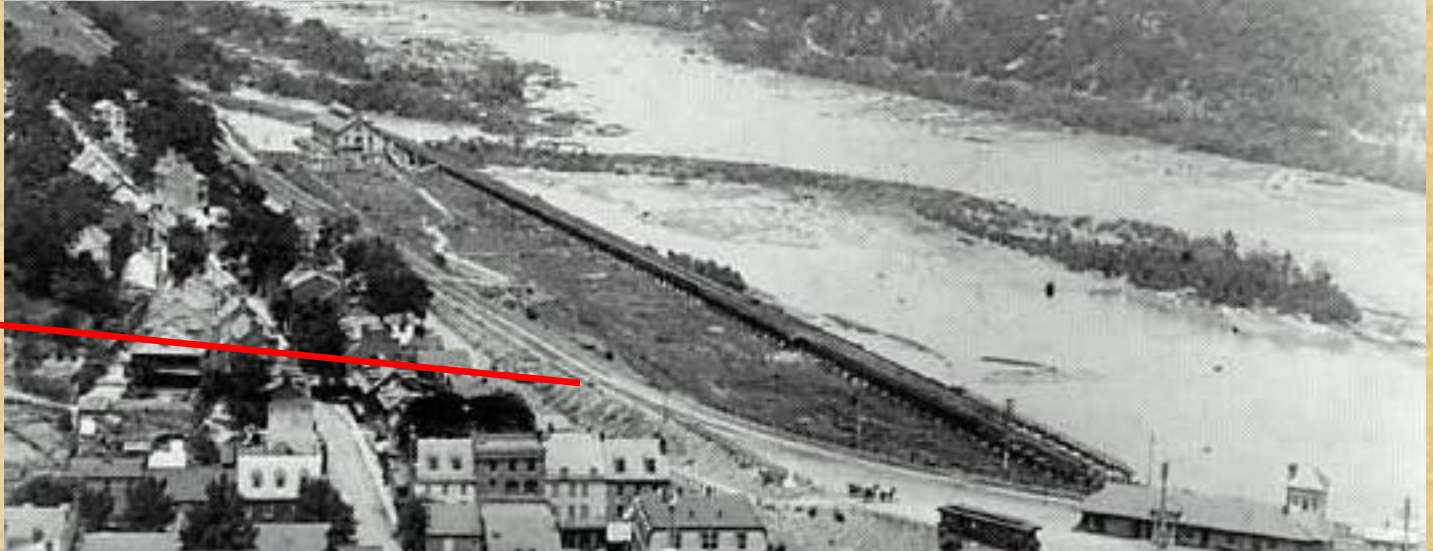


Ca. 1862 Storage Depot

Destruction and Abandonment of the Musket Factory Grounds

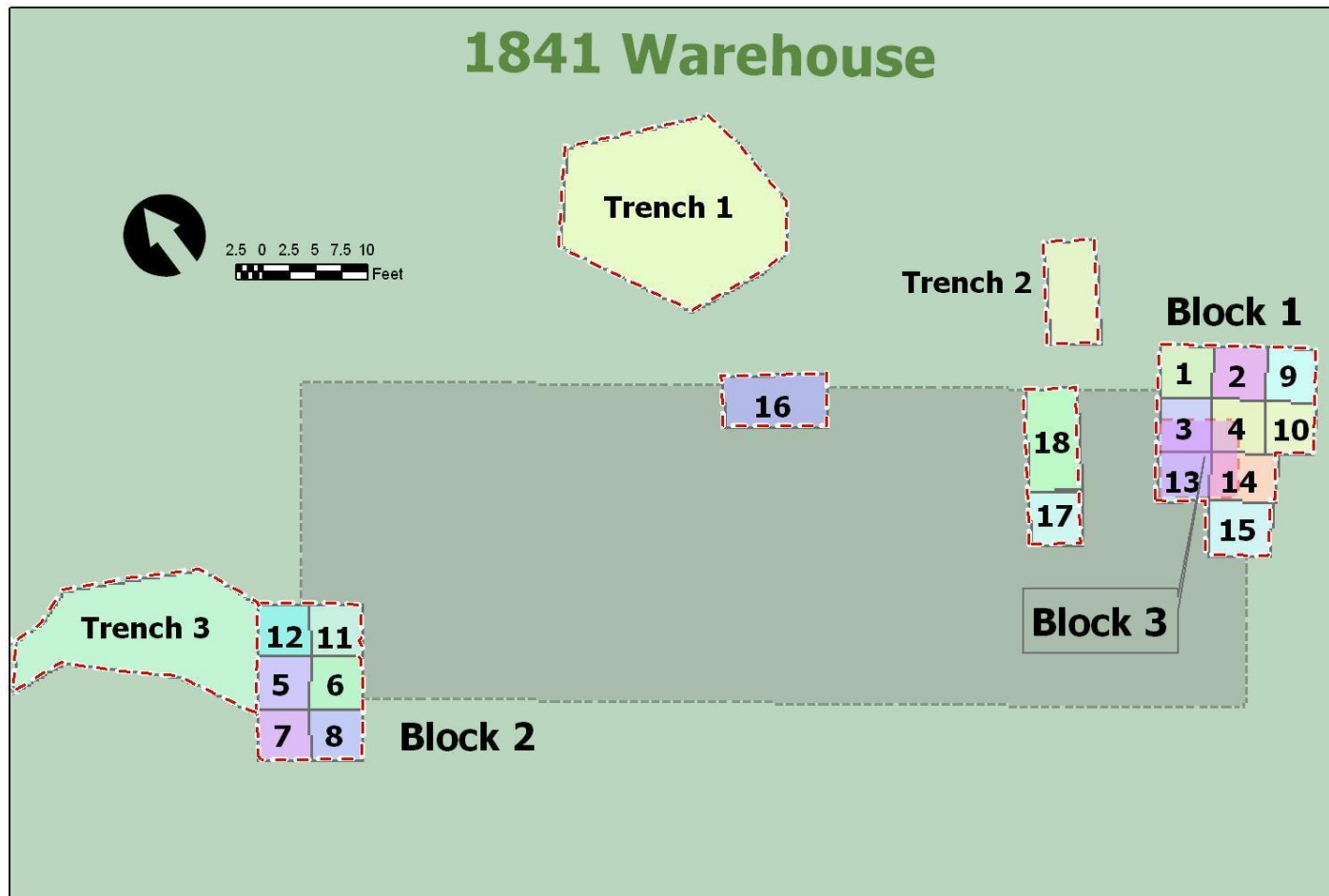


**B&O
Railroad
Embankment**





Unit and Block Locations



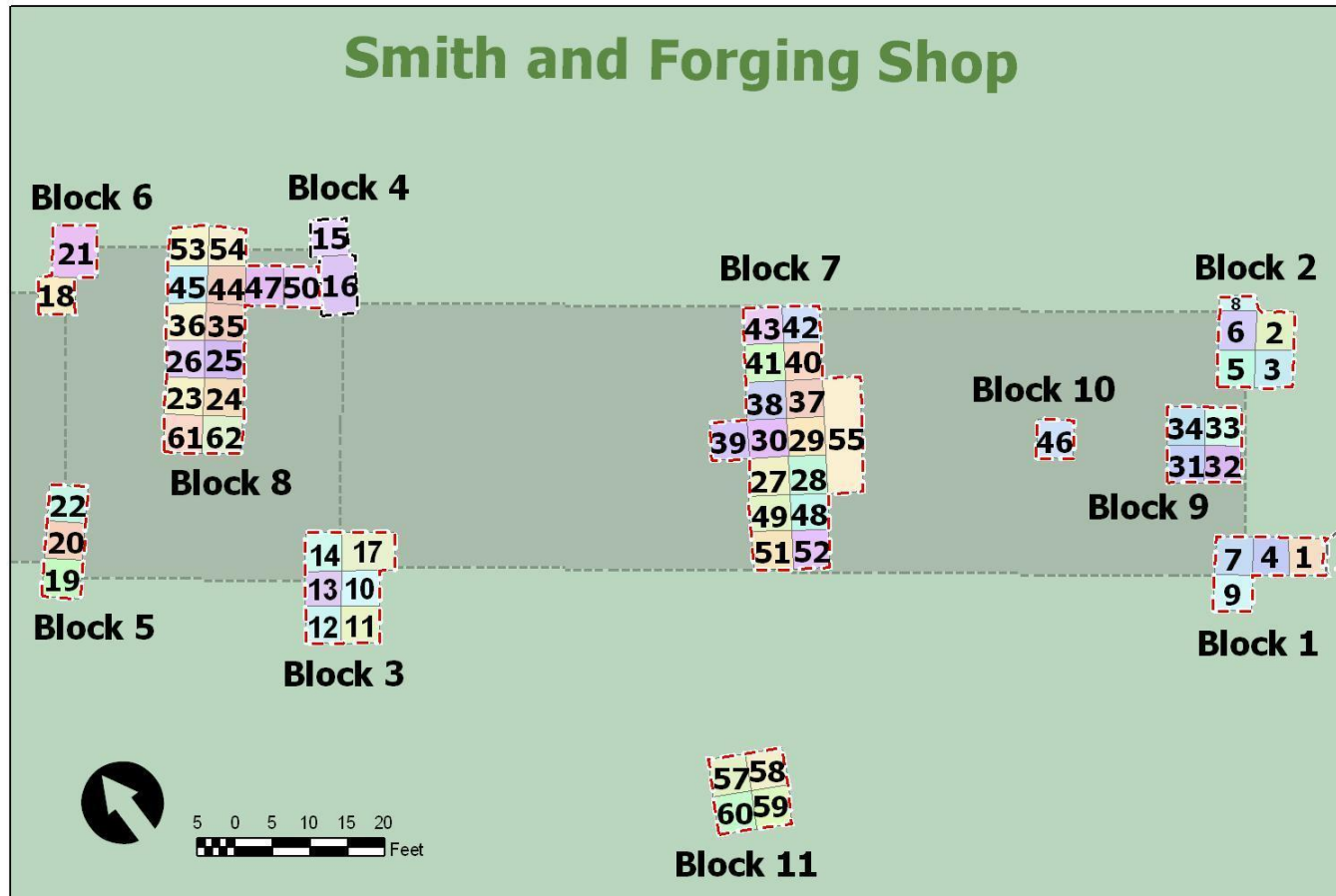
Map by Andrew Lee



Photos by Robert E.
Brzostowski



Unit and Block Locations



Map by Andrew Lee

Inspector's Office in Center Block with Chimney Stack



Smith and Forging Shop Inspector's Office



Photo by Robert E. Brzostowski

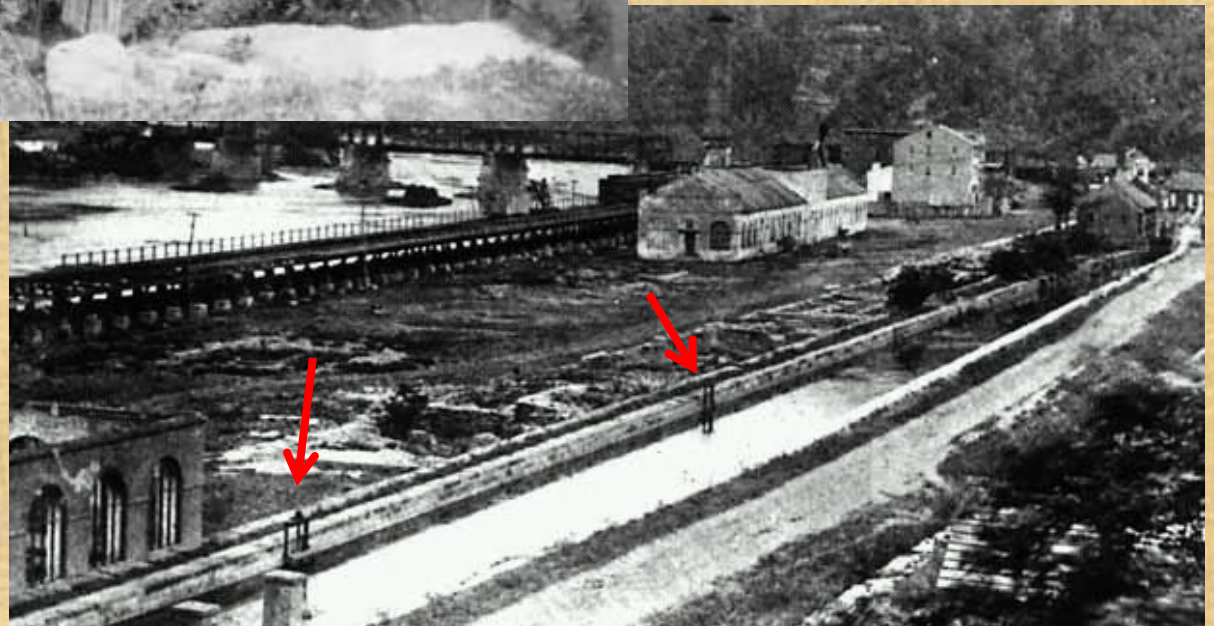
Gunsmithing Trade





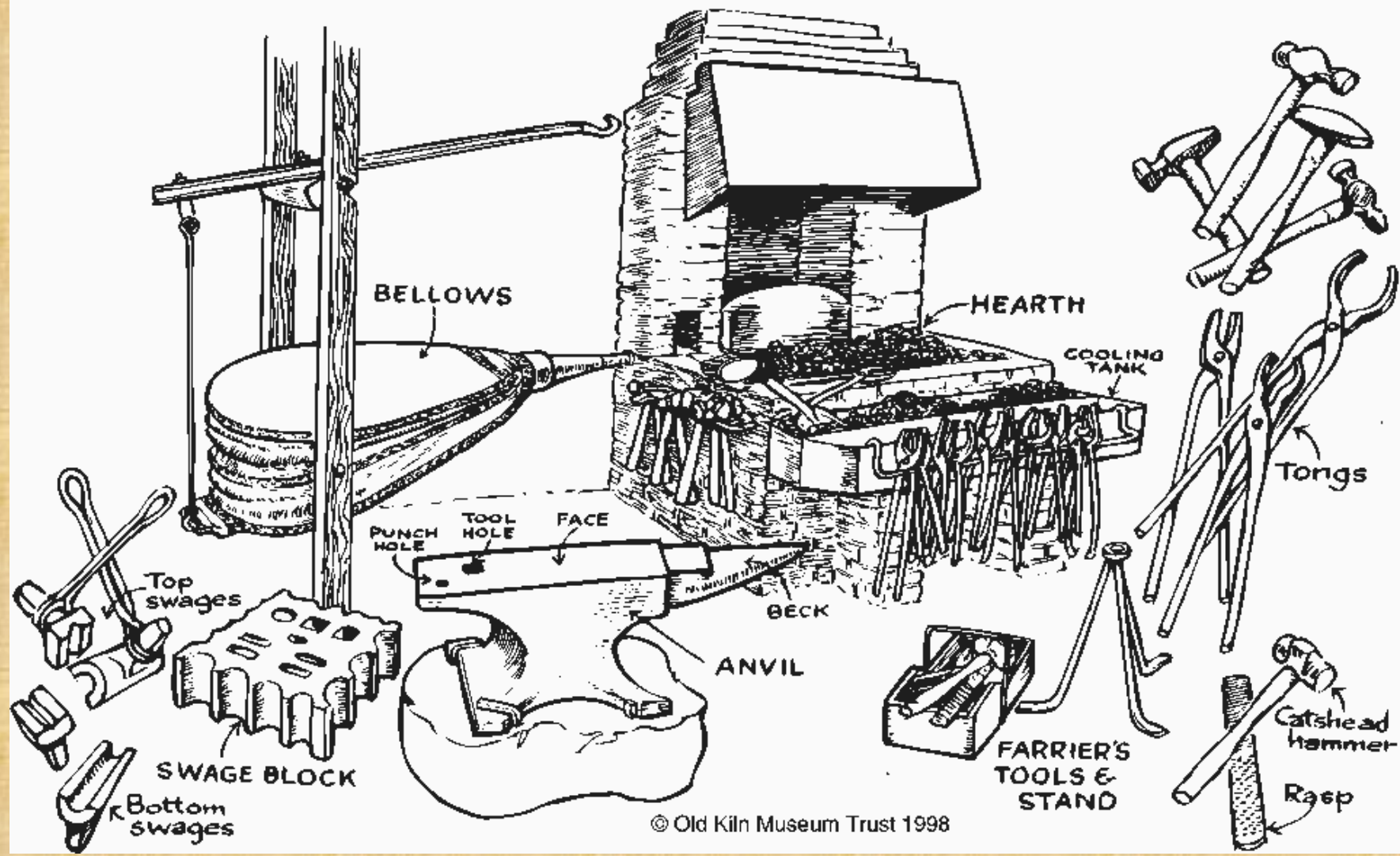
**15 foot
wooden
water wheel**

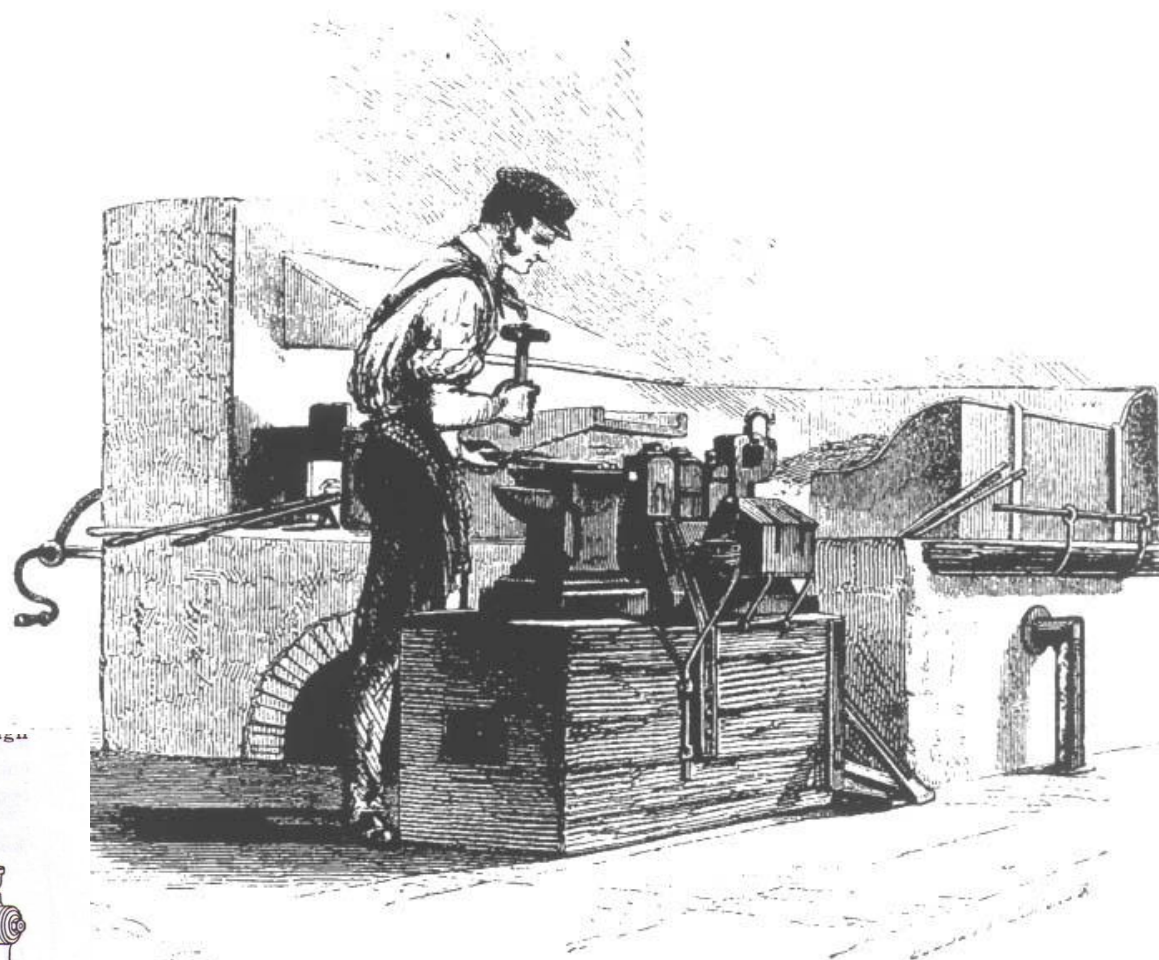
**Canal with
intake gates
visible**



Blacksmith 1840-60







THE BLACKSMITH'S SHOP.

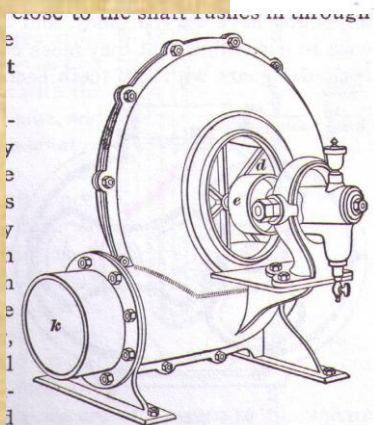


FIG. 7

**Mechanical Fan or
Blower**

Vent Feature



Photo by Robert E. Brzostowski

Gunsmith Supplies



Storage areas inside of shops



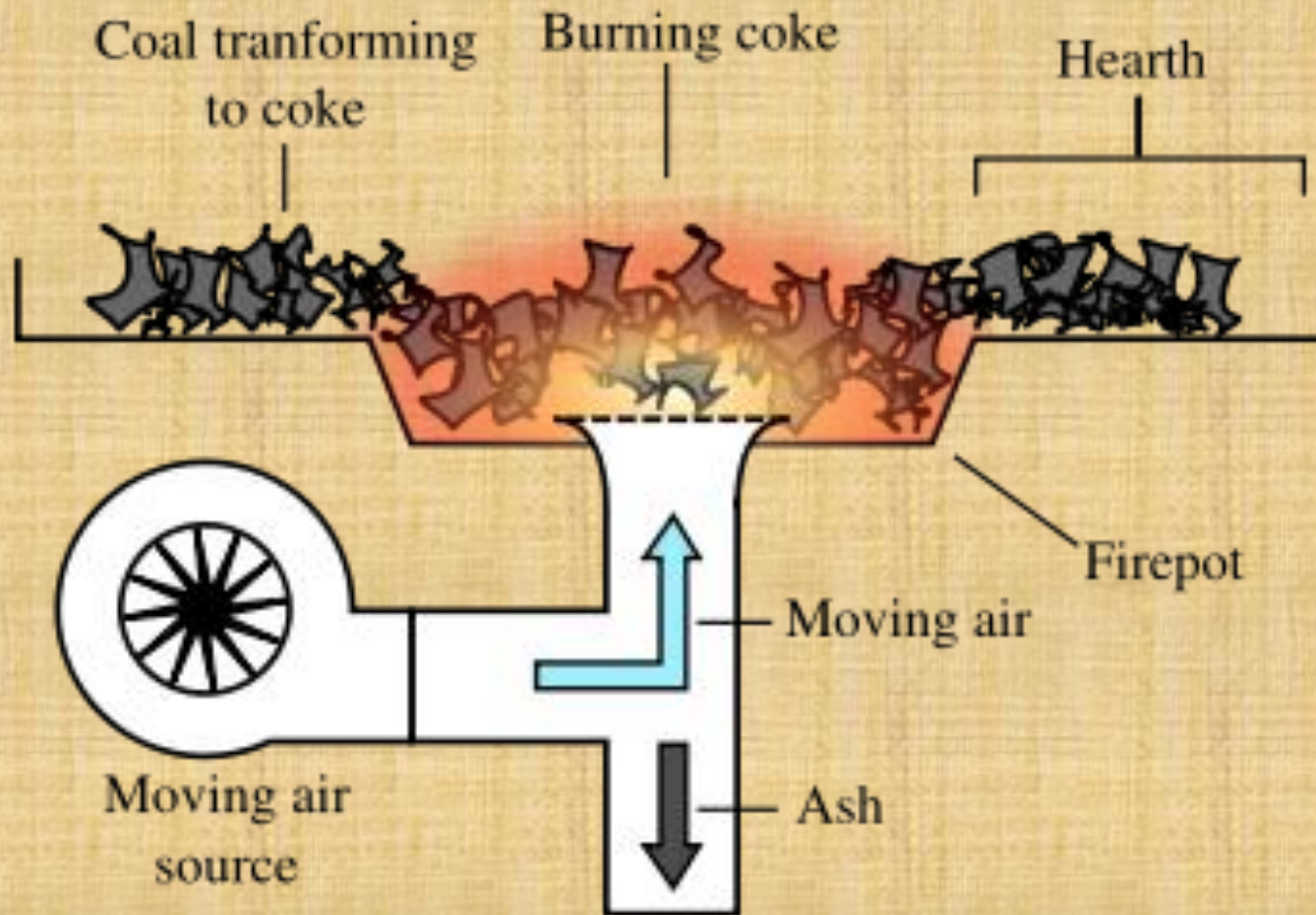
Machinery



By-products and Fuel



Anatomy of a Forge Fire



Crucibles



Forgings or Blanks



**Hardest objects to
identify and in greatest
need of conservation**



Lead



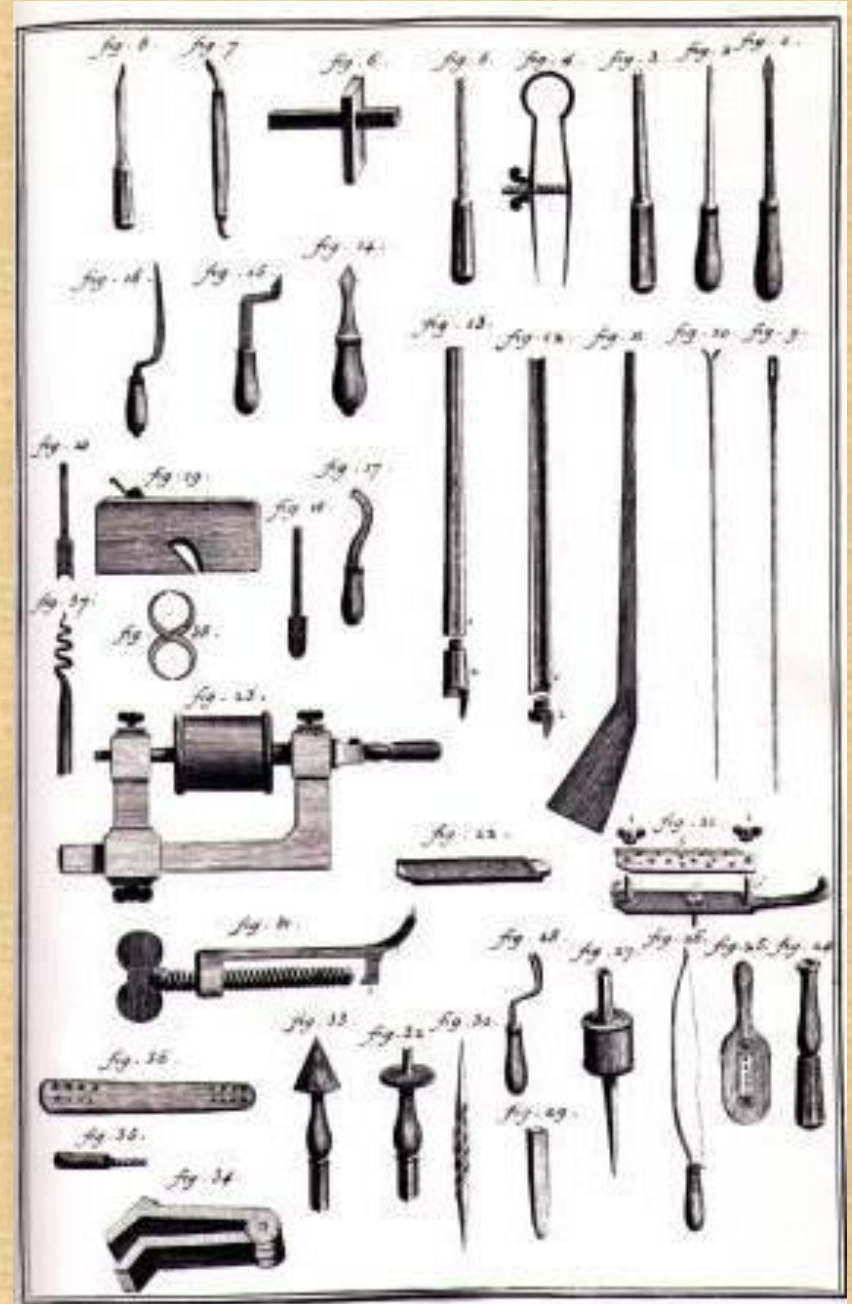
Some lead could be a fragment of a gun part pattern



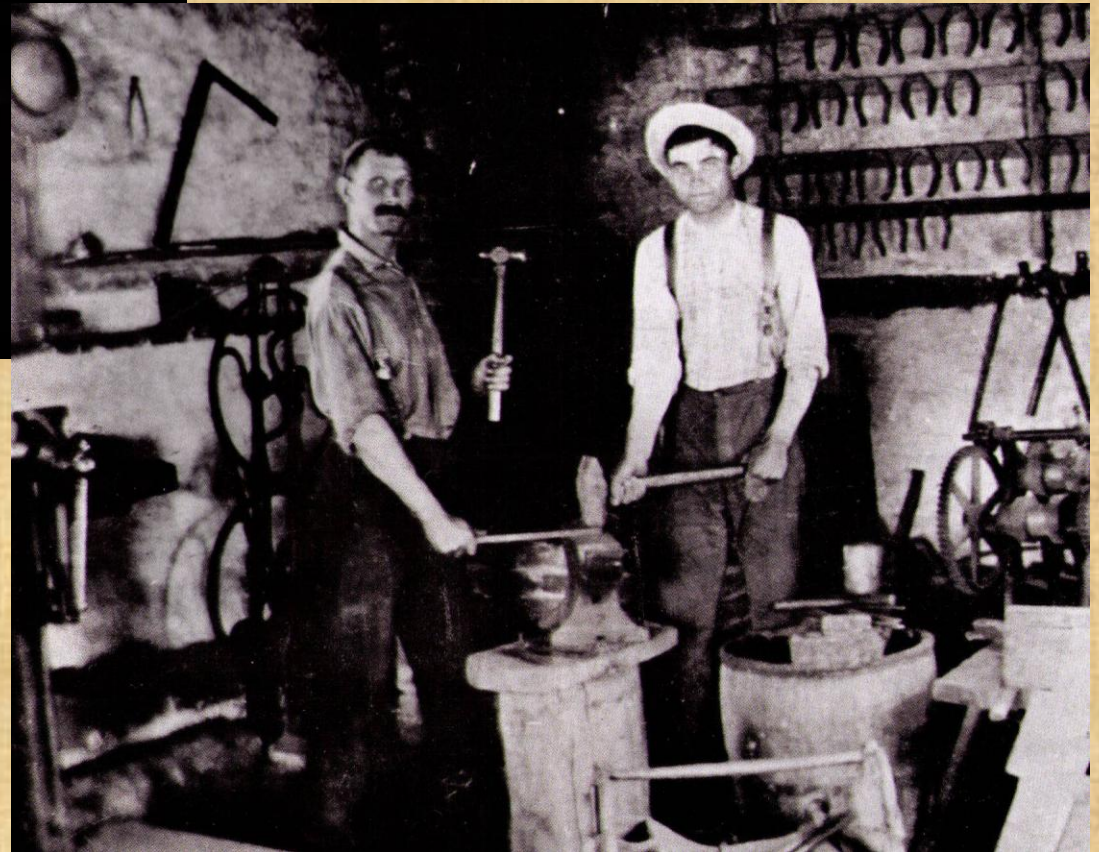
Files Used to Shape Metal



Drill Bits or Augers and a Possible Coal Shovel



Hand Tool Fragment



Modified File, Possible Cone Wrench or Gauge



Gauges used to check the size of standard gun parts



Digital Imaging Project

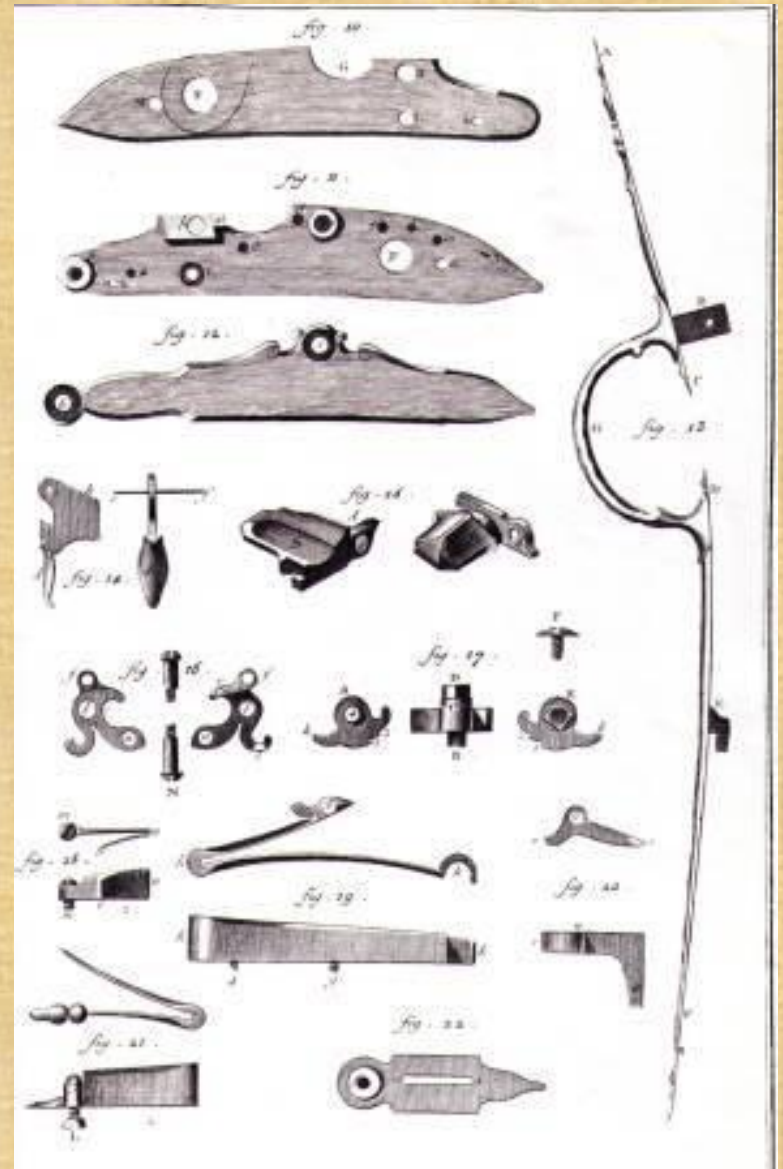
Bellows Tacks



Usually hand made by the smith

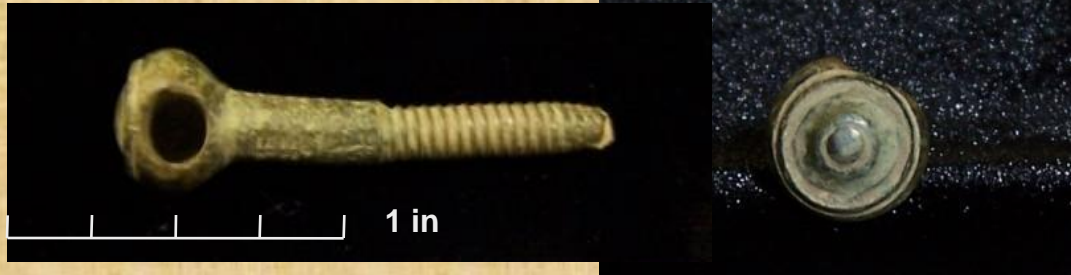


Gun Parts



Gun Parts

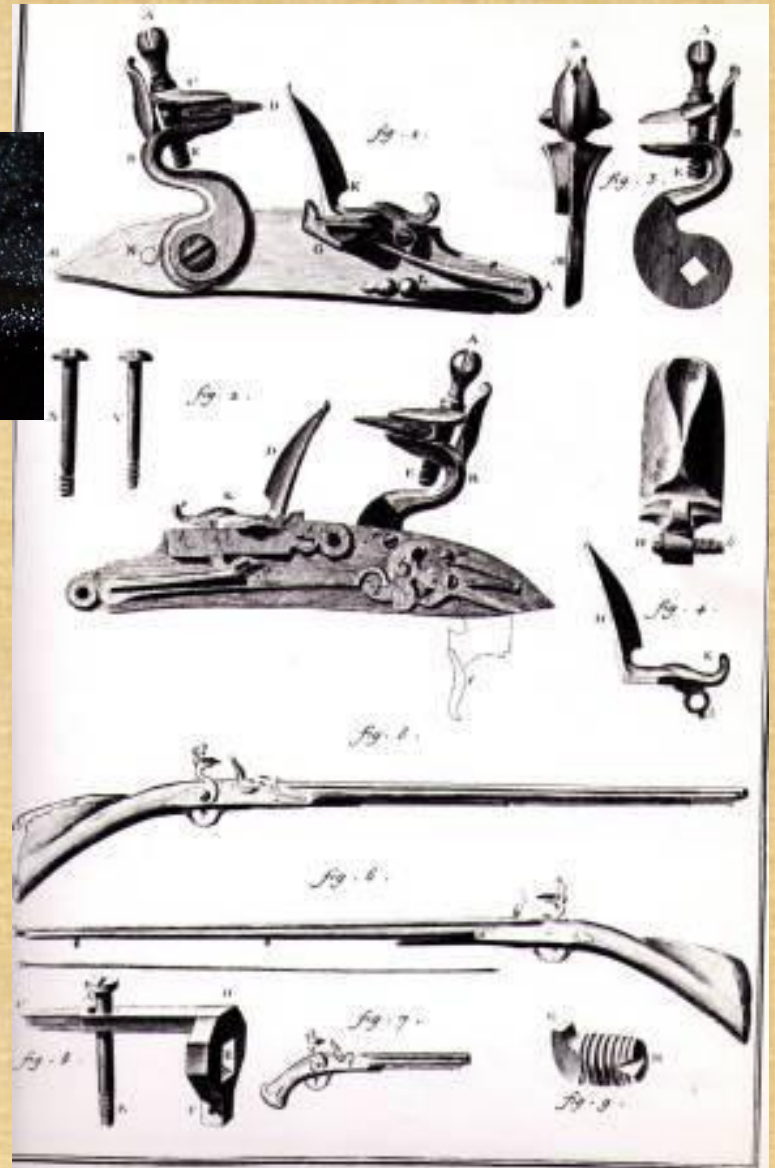
Jaw Screw



Top View



Butt Plate



Rear Sight Cache



Farriers of the Civil War



Early 19th-Century Domestics



-Possible Jack-in-the-box
lace bobbin

-Burned corn

-Flat button, lead button
and probable cuff link